



Espacenet

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### ELECTRIC CHARACTERISTIC MEASURING SYSTEM

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### Abstract of JP 2003116805 (A)

**PROBLEM TO BE SOLVED:** To provide an electric characteristic measuring system by which the heart beat and the status of the respiration of a patient can be intuitively known by displaying a variation of an impedance track in real time. **SOLUTION:** A measuring signal generator 72 or the like generates a measuring signal, and transmits the measuring signal to the subject through surface electrodes Hc and Lc which are conductively attached surface areas at specified two locations being separated from each other of the subject. An I/V converter 91 or the like measures the current value of the measuring signal which is transmitted to the subject. A differential amplifier 81 or the like measures a voltage value which is generated between surface areas at specified two locations being separated from each other of the subject. A CPU 3 calculates a bioelectric impedance between the surface areas of the subject by the current value and the voltage value which are respectively measured by the current and voltage measuring means. In this case, the CPU 3 display-controls the time variation of a plurality of the calculated bioelectric impedances in real time.

